McClintock Bibliography, including some references usually excluded

- L.F. Randolph and Barbara McClintock, "Polyploidy in Zea mays," American Naturalist 60 (1926): 99-102
- George W. Beadle and Barbara McClintock, "A genic disturbance of meiosis in *Zea mays*," Science 68 (1928): 433
- Barbara McClintock, "Chromosome morphology in Zea mays," Science 69 (1929): 629
- Barbara McClintock, "A method for making acetocarmin smears permanent," *Stain Technology* 4 (1929): 53-56
- Barbara McClintock, "A 2N-1 chromosomal chimera in maize," *Journal of Heredity* **20** (1929): 218
- Barbara McClintock and Henry E. Hill, "The cytological identification of the chromosomes associated with the 'R-golden' and 'B-liguleless' linkage groups in maize," *Anatomical Record* **44** (1929): 291
- Barbara McClintock, "A cytological and genetical study of triploid maize," *Genetics* **14** (1929): 180-222
- Barbara McClintock, "A cytological demonstration of the location of an interchange between two non-homologous chromosomes of *Zea mays*," *Proceedings of the National Academy of Sciences USA* **16** (1930): 791–796
- Harriet Creighton and Barbara McClintock, "A correlation of cytological and genetical crossingover in Zea mays," Proceedings of the National Academy of Sciences USA 17 (1931): 492-497 (in Nina Fedoroff and David Botstein, The Dynamic Genome, Cold Spring Harbor: Cold Spring Harbor Laboratory Press (1992),
- Barbara McClintock, "The order of the genes C, Sh, and Wx in Zea mays with reference to a cytologically known point in the chromosome," Proceedings of the National Academy of Sciences USA 17 (1931): 485-491
- Barbara McClintock and H.E. Hill, "The cytological identification of the chromosome associated with the R-G linkage group in Zea mays," Genetics 16 (1931): 175-190
- Barbara McClintock, "Cytological observations of deficiencies involving known genes, translocations and an inversion in *Zea mays*," *Missouri Agricultural Experiment Station Research Bulletin* **163** (1931): 1-30
- Barbara McClintock, "A correlation of ring-shaped chromosomes with variegation in Zea mays," Proceedings of the National Academy of Sciences USA 18 (1932): 677-681
- Barbara McClintock, "The association of non-homologous parts of chromosomes in the midprophase of meiosis in Zea mays," Zeitschrift für Zellforschung und mikroskopische Anatomie 19 (1933): 191-237
- Barbara McClintock, "The relation of a particular chromosomal element to the development of the nucleoli in *Zea mays*," *Zeitschrift für Zellforschung und Mikroskopiche Anatomie* **21** (1934): 294-328
- Marcus M. Rhoades and Barbara McClintock, "The cytogenetics of maize," *Botanical Review* 1 (1935): 292-325

- Harriet Creighton and Barbara McClintock, "The correlation of cytological and genetical crossing-over in Zea mays. A corroboration," Proceedings of the National Academy of Sciences USA 21 (1935): 148-150
- Barbara McClintock, "The production of maize plants mosaic for homozygous deficiencies: Simulation of the bm1 phenotype through loss of the Bm1 locus (abstract)," *Genetics* 22 (1937): 200
- Barbara McClintock, "The fusion of broken ends of sister half-chromatids following chromatid breakage at meiotic anaphases," Missouri Agricultural Experiment Station Research Bulletin 290 (1938): 1-48 (in John A. Moore, ed., The Discovery and Characterization of Mobile Genetic Elements, New York: Garland (1987),
- Barbara McClintock, "The production of homozygous deficient tissues with mutant characteristics by means of the aberrant mitotic behavior of ring-shaped chromosomes," *Genetics* 23 (1938): 315–376
- Barbara McClintock, "A method for detecting potential mutations of a specific chromosomal region," *Genetics* 23 (1938): 159
- Barbara McClintock, "The behavior in successive nuclear divisions of a chromosome broken at meiosis," *Proceedings of the National Academy of Sciences USA* **25** (1939): 405-416 (in John A. Moore, ed., *The Discovery and Characterization of Mobile Genetic Elements*, New York: Garland (1987),
- Barbara McClintock, "The stability of broken ends of chromosomes in *Zea mays*," *Genetics* **26** (1941): 234-282
- Barbara McClintock, "The association of mutants with homozygous deficiencies in Zea mays," Genetics 26 (1941): 542-571
- Barbara McClintock, "Spontaneous alterations in chromosome size and form in Zea mays," Cold Spring Harbor Symposia on Quantitative Biology 9 (1941): 72-80
- Barbara McClintock, "The fusion of broken ends of chromosomes following nuclear fusion," Proc. Natl. Acad. Sci. USA 28 (1942): 458-463
- Barbara McClintock, "Maize genetics," Carnegie Inst. Wash. Year Book 41 (1942): 181-186
- Barbara McClintock, "Maize genetics," Carnegie Institution of Washington Yearbook 42 (1943): 148-152
- Barbara McClintock, "Maize genetics," Carnegie Inst Wash Yearbook 43 (1944): 127-135
- Barbara McClintock, "The relation of homologous deficiencies to mutations and allelic series in maize," *Genetics* **29** (1944): 478-502
- Barbara McClintock, "Breakage-fusion-bridge cycle induced deficiencies in the short arm of chromosome 9," *Maize Genetics Cooperation News Letter* **18** (1944): 24-26
- Barbara McClintock, "Cytogenetic studies of maize and Neurospora," Carnegie Inst Wash Yearbook 44 (1945): 108-112
- Barbara McClintock, "Neurospora I. Preliminary observations of the chromosomes of Neurospora crassa," American Journal of Botany 32 (1945): 671-678
- Barbara McClintock, "Maize genetics," Carnegie Inst Wash Yearbook 45 (1946): 176-186
- Barbara McClintock, "Cytogenetic studies of maize and Neurospora," Carnegie Inst Wash Yearbook 46 (1947): 146-152

- Barbara McClintock, "Mutable loci in maize," Carnegie Inst Wash Yearbook 47 (1948): 155-169 Barbara McClintock, "Mutable loci in maize," Carnegie Inst Wash Yearbook 48 (1949): 142-154 Barbara McClintock, "The origin and behavior of mutable loci in maize," Proc. Natl. Acad. Sci. USA 36 (1950): 344-355
- Barbara McClintock, "Mutable loci in maize," Carnegie Inst Wash Yearbook 49 (1950): 157-167 Barbara McClintock, to Marcus Rhoades, Lilly Library, Indiana University: Marcus Rhoades Collection, 1950
- Barbara McClintock, to Marcus Rhoades, Lilly Library, Indiana University: Marcus Rhoades Collection, 1950
- Barbara McClintock, to Marcus Rhoades, Lilly Library, Indiana University: Marcus Rhoades Collection, 1950
- Barbara McClintock, "Chromosome organization and gene expression," Cold Spring Harbor Symposia on Quantitative Biology 16 (1951): 13-47
- Barbara McClintock, "Mutable loci in maize," Carnegie Inst Wash Yearbook 50 (1951): 174–181
- Barbara McClintock, "Mutable loci in maize," Carnegie Inst Wash Yearbook 51 (1952): 212–219
- Barbara McClintock, "Induction of instability at selected loci in maize," *Genetics* **38** (1953): 579-599
- Barbara McClintock, "Mutable loci in maize," Carnegie Inst Wash Yearbook 52 (1953): 227-237 Barbara McClintock, "Mutations in maize and chromosomal aberrations in Neurospora," Carnegie Inst Wash Yearbook 53 (1954): 254-260
- Barbara McClintock, "Controlled mutation in maize," Carnegie Inst Wash Yearbook 54 (1955): 245–255
- Barbara McClintock, "1. Spread of mutational change along the chromosome. 2. A case of Acinduced variability at the Bronze locus in chromosome 9. 3. Transposition sequences of Ac.
 - 4. A suppressor-mutator system of control of genic action and mutational change. 5. System responsible for mutations at a1-m2," *Maize Genetics Cooperation News Letter* **29** (1955): 9-13
- Barbara McClintock, "Intranuclear systems controlling gene action and mutation," *Brookhaven Symposia in Biology* 8 (1955): 58–74
- Barbara McClintock, "Controlling elements and the gene," Cold Spring Harbor Symposia on Quantitative Biology 21 (1956): 197-216
- Barbara McClintock, "Intranuclear systems controlling gene action and mutation," *Mutation* (*Brookhaven Symposia in Biology*) 8 (1956): 58-74
- Barbara McClintock, "Mutation in maize," Carnegie Inst Wash Yearbook 55 (1956): 323-332
- Barbara McClintock, "1. Further study of the a1-m1 Spm system. 2. Further study of Ac control of mutation at the bronze locus in chromosome 9. 3. Degree of spread of mutation along the chromosome induced by Ds. 4. Studies of instability of chromosome behavior of components of a modified chromosome.," *Maize Genetics Cooperation News Letter* 30 (1956): 12-20
- Barbara McClintock, "Genetic and cytological studies of maize," Carnegie Inst Wash Yearbook 56 (1957): 393-401

- Barbara McClintock, "1. Continued study of stability of location of Spm. 2. Continued study of a structurally modified chromosome 9.," *Maize Genetics Cooperation News Letter* **31** (1957): 31-39
- Barbara McClintock, "The suppressor-mutator system of control of gene action in maize," Carnegie Inst Wash Yearbook 57 (1958): 415-429
- Barbara McClintock, "Genetic and cytological studies of maize," Carnegie Inst Wash Yearbook 58 (1959): 452-456
- Barbara McClintock, "Chromosome constitutions of Mexican and Guatemalan races of maize," Carnegie Inst Wash Yearbook 59 (1960): 461-472
- Barbara McClintock, "Some parallels between gene control systems in maize and in bacteria," American Naturalist 95 (1961): 265-277
- Barbara McClintock, "Further studies of the suppressor-mutator system of control of gene action in maize," Carnegie Inst Wash Yearbook 60 (1961): 469–476
- Barbara McClintock, "Topographical relations between elements of control systems in maize," Carnegie Inst Wash Yearbook 61 (1962): 448-461
- Barbara McClintock, "Further studies of gene-control systems in maize," Carnegie Inst Wash Yearbook 62 (1963): 486-493
- Barbara McClintock, "Aspects of gene regulation in maize," Carnegie Inst Wash Yearbook 63 (1964): 592-602
- Barbara McClintock, "The control of gene action in maize," *Brookhaven Symposia in Biology* **18** (1965): 162-184
- Barbara McClintock, "Components of action of the regulators Spm and Ac," Carnegie Inst Wash Yearbook 64 (1965): 528-536
- Barbara McClintock, "1. Restoration of A1 gene action by crossing over. 2. Attempts to separate Ds from neighboring gene loci," *Maize Genetics Cooperation News Letter* 39 (1965): 42-51
- Barbara McClintock, "Regulation of pattern of gene expression by controlling elements in maize," Carnegie Inst Wash Yearbook 65 (1967): 20-28
- Barbara McClintock, "Genetic systems regulating gene expression during development," Developmental Biology Supplement 1 (1967): 84–112
- Barbara McClintock, "The states of a gene locus in maize," Carnegie Inst Wash Yearbook 66 (1968): 20-28
- Barbara McClintock, "Genetic systems regulating gene expression during development," Developmental Biology Suppl. 1 (1968): 84-112
- Barbara McClintock, "The contribution of one component of a control system to versatility of gene expression," Carnegie Inst Wash Yearbook 70 (1971): 5-17
- Barbara McClintock, "Significance of chromosome constitutions in tracing the origin and migration of races of maize in the Americas," In W.D. Walden, ed. *Maize Breeding and Genetics* (New York: John Wiley & Sons, 1978), 159-184
- Barbara McClintock, "Mechanisms that rapidly reorganize the genome," *Stadler Genetics Symposium* **10** (1978): 25-48

- Barbara McClintock, "Development of the maize endosperms as revealed by clones," In *The Clonal Basis of Development*, 36th Symp. of the Soc. for Developmental Biology: New York: Academic Press, 1978, 217-237
- Barbara McClintock, "Modified gene expressions induced by transposable elements," In W.A. Scott, R. Werner, D.R. Joseph and Julius Schultz, eds., *Mobilization and Reassembly of Genetic Information* (New York: Academic Press, 1980), 11-19
- Barbara McClintock, T. Angel Kato Y. and Almiro Blumenschein, Chromosome Constitution of Races of Maize. Its Significance in the Interpretation of relationships Between Races and Varieties in the Americas (Chapingo, Mexico: Colegio de Postgraduados, Escuela National de Agricultura, Chapingo, Edo. Mexico, Mexico, 1981)
- Barbara McClintock, "The significance of responses of the genome to challenge," *Science* **226** (1984): 792-801
- Barbara McClintock, The Discovery and Characterization of Transposable Elements: The Collected Papers of Barbara McClintock (New York: Garland, 1987)
- Barbara McClintock, "Introduction," In John A. Moore, ed. *The Discovery and Characterization of Transposable Elements: The Collected Papers of Barbara McClintock* (New York: Garland, 1987), vii-xi